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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/073,200	02/13/2002	Max Hamberg	4208-4079 (Nokia 16550)	5295

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EXAMINER
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PHU, SANH D

ART UNIT	PAPER NUMBER
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2682

DATE MAILED: 06/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/073,200	<b>Applicant(s)</b> HAMBERG, MAX	
	<b>Examiner</b> Sanh D. Phu	<b>Art Unit</b> 2682	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 5/25/05.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-133 is/are pending in the application.
- 4a) Of the above claim(s) 2, 14, 15, 26-34, 43-50, 55-58, 62, 74, 76, 78 and 104-133 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 3, 4, 16-20, 22-25, 52, 61, 63, 64, 77, 79, 80, 90-94 and 96 is/are rejected.
- 7) ☒ Claim(s) 5-13, 21, 35-42, 51, 53-54, 59-60, 65-73, 75, 81-89, 95, 97-103 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some    \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

### DETAILED ACTION

This Office Action is responsive to the Amendment filed on 5/25/05.

#### *Claim Rejections – 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, 3, 4, 16–20, 22–25, 52, 61, 63, 64, 77, 79, 80 and 90–93 are rejected under 35 U.S.C. 102(e) as being anticipated by Mansikkaniemi et al (2002/0065881), previously cited.

–Regarding to claim 1, see figures 1–5, and sections [0007–0008], [0022–0026], [0042–0050], Mansikkaniemi et al discloses a system comprising:

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a server (28) (see figure 1) programmed to store electronic tag data (92) constructs in association with a virtual wall data "Family Bulletin Board" (see figure 4) construct stored in the server (see section [0042]);

a short-range wireless access point (22, 24) (see figure 1) connected to the server, the access point located at a place; and

a mobile short-range wireless device (20) (see figure 1) programmed to enable its user to create an electronic tag data (92) (see figure 4) constructed containing an identity of the user (e.g., /Peter) and associated with a multimedia message (including time information, text, pictures), the device programmed to send the electronic tag over a short-range wireless link to the access point (22) (see figure 1) for association with the virtual wall data construct in the server to enable viewing the electronic tag by other users with short-range wireless viewing devices (see section [0007-0008]).

-Regarding to claim 3, Mansikkaniemi et al discloses an editing program in the user's short-range wireless device to enable the user to write text, create an audio record or an image record and append it to the text, to create a

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multimedia message as the content of an electronic tag (see sections [0046–0049]).

–Regarding to claim 4, Mansikkaniemi et al discloses said editing program incorporating the multimedia message into the electronic tag (92) (see figure 4).

–Regarding to claims 16–19, Mansikkaniemi et al discloses that said short-range wireless devices (22, 20a, 20b, 20c) are implemented as wireless devices (see figure 1).

–Regarding to claim 20, Mansikkaniemi et al discloses that said multimedia message can be created or modified off line and then stored in the user's mobile device (see section [0039, 0049]).

–Regarding to claim 22, Mansikkaniemi et al discloses that said editing program including the user's identity (e.g., /Peter) in the tag (92) or colors used to indicate who sends the tag (see section [0047]).

–Regarding to claim 23, Mansikkaniemi et al discloses that said server is connected to a access point located at a frequent gathering place, (e.g., a vendor place (33) (see figure 1, and section [0032]).

–Regarding to claim 24, said mobile device is programmed to enable the user to create tags that contain multimedia messages (92) that are notes, and the like (see figure 4).

–Regarding to claim 25, Mansikkaniemi et al discloses that said multimedia messages may be previously prepared or spontaneously create (see sections [0039, 0049]).

–Regarding to claim 52, Mansikkaniemi et al discloses that said mobile device automatically transfers a tag to the server when they are within communications range (see section {0007, 0022–0026}).

–Regarding to claim 61, see figures 1–5, and sections [0007–0008], [0022–0026], [0042–0050], Mansikkaniemi et al discloses a method comprising:

step (28) (see figure 1) of storing electronic tag data constructs in association with a virtual wall data construct stored in a server (28) connected to a short-range wireless access point (22, 24) located at a place;

step (28) of receiving an electronic tag data construct containing an identity of the user (e.g., /peter) (see figure 4) and associated with a multimedia

message (92) (see figure 4) from a mobile short-range wireless device programmed to enable its user to create the electronic tag (see section [0042, 0049]); and

step (28) of associating the received electronic tag data construct with the virtual wall data construct in the server to enable viewing the electronic tag by other users with short-range wireless viewing devices (see figure 4 and section [0042–0048).

–Claim 63 is rejected with similar reasons set forth for claim 3.

–Claim 64 is rejected with similar reasons set forth for claim 4.

–Regarding to claim 77, see figures 1–5, and sections [0007–0008], [0022–0026], [0042–0050], Mansikkaniemi et al discloses a system (see figure 2) comprising:

processor (78); and

a memory (inherently included) coupled to the processor (see figure 5), programmed to enable creating an electronic tag data (92) (see figure 4) construct containing an identity (e.g., /peter) of a user and associated with a multimedia message (date, time, texts, pictures), the memory further

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programmed to send the electronic tag over a short-range wireless link to an access point (22, 24) (see figure 1) for association with a virtual wall data (Family Bulletin Board) constructed in a server (28) (see figure 11) to enable viewing the electronic tag by other users with short-range wireless viewing devices.

-Claim 79 is rejected with similar reasons set forth for claim 3.

-Claim 80 is rejected with similar reasons set forth for claim 4.

-Claims 90-93 are rejected with similar reasons set forth for claims 16-

19.

***Claim Rejections – 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.



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4. Claims 94 and 96 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kinnunen et al (2001/0021649), in view of Brownigg et al (6,044,062), (both previously cited).

–Regarding to claim 94, see figures 1–4, and sections [0014–0021], Kinnunen et al discloses a method comprises:  
step (8) (see figure 1) of generating a short-range wireless (BLUE TOOTH) tag signal (see figure 4) by a mobile device for transmission in a short-range wireless network (see [0020]);

step (8) of generating a header signal (FROM Riikka, Mon 08.03.1999)(see figure 4) in said tag signal, including an identity (Riikka) of a user;

step (8) of generating a multimedia message signal (13) in said tag signal; and

step (8) of sending said short-range wireless tag signal in said short-range wireless network (see [0019–0020]).

Kinnunen et al does not disclose extracting said multimedia message signal from said tag signal to enable sending said multimedia message signal in a second communication range wireless.

Brownrigg et al teaches a second mobile device (18D) extracting a message signal from a tag signal sent from a first mobile device (18C) in a first communication range (34) to enable sending said message signal in a second communication range wireless (32) to a destined terminal (16) being determined by said first mobile device (see figure 1, and col. 7, line 52 to col. 8, line 64).

It would have been obvious for a person skilled in the art to implement Kinnunen et al step of extracting, by another mobile device, said multimedia message signal from said tag signal, being sent by said mobile device in a first communication range, to enable sending said multimedia message signal in a second communication range wireless to a destined terminal being determined by said so that Kinnunen et al method in view of Brownrigg et al would be additionally enhanced with a capability of indirectly transmitting tag to the destined terminal through another mobile device when said mobile device is

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out of communication range with said destined terminal, without affecting the overall system performance.

-Regarding to claim 96, Kinnunen et al discloses that said multimedia message signal including text (e.g., Happy Birthday), an audio record (16) or an image record (17) append to the text, creating a multimedia message as the content of the electronic tag signal (see figure 4).

***Allowable Subject Matter***

5. Claims 5-13, 21, 35-40, 41, 42, 51, 53, 54, 59, 60, 65-73, 75, 81-89 and 95, 97-103 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Response to Arguments***

6. Applicant's arguments filed on 5/25/05 have been fully considered but they are not, in part, persuasive.

The previous rejection, under 35 USC 112, second paragraph, to claims 24, 25 and 36 has been withdrawn since the claims were amended to overcome the rejection.

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The applicant's arguments with respect to the rejection to claims 13, 40, 73, 89, as being obvious by Mansikkaniemi et al in view of Kinnunen et al, and to claims 51-53 and 94-96, as being obvious by Mansikkaniemi et al in view of Brownigg et al, are persuasive. The rejections have been withdrawn.

The applicant's arguments with respect to the rejection to claims 1, 61 and 77, as being anticipated by Mansikkaniemi et al, are not persuasive. The applicant mainly argues that Mansikkaniemi et al does not disclose tag data constructs associated with multimedia messages.

The examiner respectfully disagrees. See figure 4, Mansikkaniemi et al discloses notes (92) (considered equivalent with "tag data constructs") wherein said notes are associated with messages comprising texts (e.g., I will be home at 21:00) and symbols (e.g., pen) (said messages considered equivalent with "multimedia messages").


### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sanh D. Phu whose telephone number is (571)272-7857. The examiner can normally be reached on 8:00-16:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on (571)272-7876. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



NICK CORSARO  
PRIMARY EXAMINER

Sanh D. Phu  
Examiner  
Art Unit 2682

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